Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Tuesday 18 Oct 2022 until 23:59 on Wednesday 19 Oct 2022

Forecast Issued on Monday 17 Oct 2022 at 15:17

Confidence: High for a dry and sunny day on Tuesday with high pressure over the country. Details then become a bit more uncertain from Wednesday onwards for the timings of bands of rain moving north over the country.

Headline for Tuesday 18 Oct 2022: Dry and mostly sunny with light winds.

Mountain weather hazards on Tuesday 18 Oct 2022

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** No Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m

Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Clear night	Clear night	Sunny	Sunny	Sunny	Sunny	Cloudy	Partly cloudy (night)
Precipitation probability							
<05%	<05%	00%	00%	00%	00%	00%	00%

Forecast for Tuesday 18 Oct 2022

Weather: A cold night with a touch of frost and few mist and fog patches in the valleys which will slowly clear during the morning. Otherwise it will be a dry day with nearly unbroken sunshine. Some high cloud in the evening but remaining dry and becoming chilly again.

Chance of cloud-free hill tops above 600m: 90%.

Low cloud and visibility: Mostly excellent visibility. Early fog patches in the valleys will gradually lift and disperse. Patchy cloud developing in the evening across the east of the National Park above about 400m.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Tuesday 18 Oct 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	16/24 SW	13/20 SW	9/13 SW	3/7 NW	6/10 NE	10/16 E	14/24 E	17/28 E	19/30 E
300	10/18 SW	6/12 SW	4/6 S	3/4 NE	3/6 NE	9/14 E	9/20 E	13/23 E	13/24 NE
Valley	5/15 SW	2/11 SW	3/5 SE	3/5 E	3/6 NE	9/16 E	12/26 E	16/31 E	17/33 E

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	7/4	7/3	7/4	8/7	9/8	9/6	7/4	6/1	6/1
300	10/7	8/6	7/6	9/9	12/12	12/10	10/7	8/5	8/5
Valley	8/7	7/6	6/5	9/9	13/13	13/11	10/8	9/6	9/5
Freezing Level*	1500m	1400m	1400m	1400m	1400m	1500m	1600m	2100m	2300m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

High pressure across the Peak District means Tuesday will be the most reliable day of the week for dry and settled weather.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Mon 17 Oct 2022	0.8mm	2mm	15mm

Forecast for Wednesday 19 Oct 2022

Weather: Dry with clear spells but cloud increasing in the early hours. The strong and gusty winds will be a feature through the day with walking becoming increasingly difficult on the tops. Dry start then showers developing, mainly light at first but becoming heavier through afternoon.

Maximum wind: Easterly 20mph gusts 30mph increasing to 25 to 35mph with gusts 50mph, perhaps gusting 60mph on the highest tops.

Chance of cloud-free hill tops above 600m: 90%, but 60% early morning and during evening.

Low cloud and visibility: Mainly good visibility. A few patches of low cloud and fog affecting summits above 500m then cloud becoming extensive above 400m in the evening. Showers bring short-lived reductions in visibility later.

Temperature: **Valleys:** Plus 8 Celsius rising to 13 or 14 Celsius.
At 600m: Plus 5 Celsius rising to 8 or 9 Celsius.
Freezing level: Above summits.

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